

MMHCC Newsletter June 2004

Announcements

New RNAi Resource

NCI's Division of Cancer Biology, in collaboration with its Office of Cancer Genomics, has supported the development of a large short hairpin RNA (shRNA) library, under the direction of Dr. Greg Hannon at Cold Spring Harbor Laboratory. The library is designed for human genes, but about one-third of the constructs can also silence mouse genes.

RNA interference (RNAi) molecules "knock down" specific genes and can be used to perform functional studies of their gene product. Among the common effectors of RNAi are small interfering RNAs (siRNA), micro RNA (miRNA), and shRNAs.

The shRNAs are inserted into a novel shuttling retroviral vector system that allows the insert to be moved rapidly into other vectors. The first 8,000 clones were released in March 2004 and another 12,000 clones will be released by the end of May. Information about the clones, their targets, and where they can be obtained can be found at <http://cgap.nci.nih.gov/RNAi/>. This is a work in progress as new shRNA are being constructed and the vector system continues to be enhanced. Updates will be posted on the Web site as they become available.

NIH Policy on Sharing of Model Organisms for Biomedical Research

Release Date: May 7, 2004

NOT-OD-04-042

National Institutes of Health (NIH)

As a public sponsor of biomedical research, NIH is committed to supporting national and international efforts that encourage the sharing and dissemination of important research resources. NIH is also cognizant of the need to support reasonable incentive structures that facilitate commercial development or translation of basic research findings. Restricted availability of unique research resources, upon which further studies are dependent, can impede the advancement of research. Conversely, sharing biomaterials, reagents and data in a timely manner has been an essential element in the rapid progress that has been made in research on many model organisms for biomedical research. The NIH is interested in continuing to ensure that the research resources developed with NIH funding are made readily available in a timely fashion to the research community for further research, development, and application, in the expectation that this will further the research enterprise and accelerate the development of products and knowledge of benefit to the public. At the same time, NIH recognizes the rights of grantees and contractors to elect and retain title to subject inventions developed with federal funding pursuant to the Bayh-Dole Act.

For the complete notice, please see:

<http://grants.nih.gov/grants/guide/notice-files/NOT-OD-04-042.html>



To unsubscribe from this newsletter please send an email to Erika Joyner: joynerer@mail.nih.gov
Send meeting announcements and other information you would like to have included in this newsletter to Ulli Wagner: ulli@nih.gov



Meetings

July 15-16, 2004

International Research Conference on Food Nutrition and Cancer
Washington, D.C.

Meeting information: <http://www.aicr.org/conference/index.lasso>

August 8-14, 2004

10th Annual International Summer School on Behavioral Neurogenetics
Memphis, Tennessee

Meeting information: <http://www.ibngs.org/bni/tenth.html>

August 22 – September 2, 2004

13th Annual Experimental Genetics of the Laboratory Mouse in Cancer Research: a short course
Bar Harbor, Maine

Application deadline: June 22, 2004

Meeting information: <http://www.jax.org/courses/events/coursedetails.do?id=2>

Funding Opportunities

Diet, Epigenetic Events, and Cancer Prevention

PA-04-099

National Cancer Institute

<http://grants.nih.gov/grants/guide/pa-files/PA-04-099.html>

Centers of Excellence in Molecular Hematology

RFA-DK-04-015

National Institute of Diabetes and Digestive and Kidney

<http://grants.nih.gov/grants/guide/rfa-files/RFA-DK-04-015.html>

Characterization, Behavior and Plasticity of Pluripotent Stem Cells

PA-04-101

NINDS, NIDCD, NIA, NICHD, NCI, NIDA, NIMH

<http://grants.nih.gov/grants/guide/pa-files/PA-04-101.html>

JULY 13 and 14 IACUC 101 & 201 Workshops in Durham, North Carolina

NOT-OD-04-043

National Institutes of Health (NIH)

<http://grants.nih.gov/grants/guide/notice-files/NOT-OD-04-043.html>

The Fetal Basis of Adult Disease: Role of the Environment

PAR-04-104

National Institute of Environmental Health Sciences (NIEHS)

<http://grants.nih.gov/grants/guide/pa-files/PAR-04-104.html>



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Repository News

Newly accepted strains

The following strains have recently been accepted by the MMHCC Repository. Investigators can fill in an online form to register interest and receive email notification when strains become available.

1. HB-PLAP, (FVB-Tg(ACTB-ALPP)1Jrst)
<http://mouse.ncifcrf.gov/details.asp?ID=01XH6>
2. GFAP-hCDK4, (ICR-Tg(GFAP-CDK4)2Gtm)
<http://mouse.ncifcrf.gov/details.asp?ID=01XK1>
3. Tsc1, (B6;129S4- *Tsc1*^{tm1.1Djk})
<http://mouse.ncifcrf.gov/details.asp?ID=01XH8>

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